

URBAN
DISTRICT OF STAINES.

ANNUAL REPORT
OF THE
Medical Officer of Health.

THE URBAN DISTRICT COUNCIL
OF STAINES.
1906.

STAINES :
CHARLES OSWALD, 58, HIGH STREET.

Staines Urban District Council.

Population estimated to middle of year—7046.

Area—1905 acres of land and 74 acres of water.

To the Chairman and Members,

GENTLEMEN,

I beg to submit my Annual Report for the year ending December, 31st 1906.

Births.

During the year 171 births were registered, 86 boys and 85 girls. Five of the children were illegitimate.

The birth Rate was 24.2 per 1,000; this is higher than the preceding year, but 2.6 per 1,000 below the preceding ten years' average.

Deaths.

The number of deaths registered in the district was 77: to these must be added 1 death in a London Hospital, and 2 deaths in the Middlesex County Asylum, making a total of 80 deaths of persons belonging to the district.

The death Rate was 11.3, fractionally more than last year; but under the previous ten years' average. A large proportion, viz., 25, of the deaths was of children under one year of age, this is

partly accounted for by the great heat in August causing a severe outbreak of diarrhoea amongst children.

The distribution of deaths according to age is as follows—

Under 1 year	...	...	...	25
Over 1 year and under 5 years	...			5
Over 5 years and under 15 years				5
Over 15 years and under 25 years				2
Over 25 years and under 65 years				22
Over 65 years	...	...	...	21

Comparing the 171 births with the 25 deaths under one year of age, gives an infantile death rate of 146 per 1,000 births registered, which is considerably above the average, though it was exceeded twice in the preceding ten years.

The deaths include 4 from cancer, 2 from heart disease, 4 from accidents, 9 from pneumonia and bronchitis, and 9 from phthisis and other tubercular diseases.

Zymotic Diseases.

Eleven cases of infectious disease were notified during the year: 6 cases of diphtheria, 2 of erysipelas and 3 of scarlet fever; there were two deaths in this series, both from diphtheria.

During the past three years the number of cases of infectious disease notified have been very few and in this respect we compare very favourably with the other parishes in the neighbourhood.

Adding 10 deaths from epidemic diarrhoea to the 2 deaths recorded above, gives a total of 12 deaths from the principal zymotic diseases.

The zymotic death rate was 1.7 per 1,000.

Owing to the prevalence of chicken pox amongst the children attending the Wyatt and Stanwell Road Schools, the Whitsuntide holidays were extended a week.

Isolation Hospital Accommodation in the District.

There is no Isolation Hospital accommodation in the district, except for small pox patients.

There is a prospect of a Hospital being erected by the Staines Rural District Council in the near future, to which we might send infectious cases by arrangement.

Methods of Disinfection.

Infected Rooms are disinfected by Sulphurous acid. We have no Steam apparatus for disinfecting bedding.

General Sanitary Circumstances and Administration.

Houses and Housing Accommodation.—2 cases of overcrowding have been dealt with during the year; these are due more to poverty and a desire to save rent, than the want of sufficient cottages.

Housing of the Working Classes.—Generally speaking the working classes are comfortably housed. There are however some old cottages, several of which are built of wood, which do not come up to modern requirements ; they attract a poor class of tenant by reason of the lowness of the rents.

Common Lodging Houses.—There is one on the Register. The proprietor has been cautioned about attention to cleanliness. Ventilators have been fixed in the rooms.

Caravans.—Many come into the Town during the year in connection with fairs and shows. They are usually well kept and give no trouble.

Water Supply.—96 per cent. of the houses are supplied by the South West Suburban Water Co. Eight new wells were sunk during the year.

Sewerage and Sewage Disposal.—95 per cent. of the houses drain into the sewers. The sewage is treated at West Bedfont by being sprinkled on filter beds after precipitation in tank. A good effluent is obtained which runs into the river Ash.

During the year eleven new water closets were constructed and water closets were substituted for dry receptacles in four cases. The percentage of houses provided with water closets is 85.

Slaughter Houses.—Are three in number. There have been no contraventions of the Bye-Laws.

Cowsheds, Dairies and Milkshops.—There are 13 cow-sheds and 15 dairies and milkshops on the register, and these have all been inspected frequently; in 4 cases improved drainage was ordered to be provided to cowsheds. In the summer I caused to be distributed, notices from the Middlesex County Council, warning all milk sellers against adding preservatives to the milk. One milk seller was prosecuted by the Inspector under the Food and Drugs Act, for selling milk containing Boracic acid.

Offensive Trades.—Under this heading is included 1 candle factory—the smell of the fat is sometimes very objectionable in hot weather.

House Refuse.—Is collected weekly in Sanitary Dust Bins.

Mortuary Accommodation.—Is provided and is sufficient for all requirements.

Factory and Workshop Act, 1901.

There are 25 factories, 47 workshops, 19 domestic workshops, and 12 bakehouses on the Register, a total of 103 registered workshops.

There has been 24 inspections, 6 defects were found and remedied; 3 of these being breaches of sanitary requirements for bakehouses.

Two notices were received from H.M. Inspector of matters remediable under the Public Health Acts, such as want of ventilation. These were attended to.

No lists of outworkers were received during the year.

Meteorological Report.

I append a record of the Rainfall kept by Mr. Charles Ashby, which shews that the total amount of rain was 25.58 inches. The wettest months were January, and October, in each of which more than 4 inches of rain fell.

I attach Tables I., III., IV., V.; also Forms C (I.,) C (II.,) C (III.,) and Factory Inspection Form.

I remain, Gentlemen,

Your obedient Servant,

FREDK. C. TOTHILL.

March, 18th, 1907.

RAINFALL IN 1906 AT CHARLES
ASHBY'S, STAINES, MIDDLESEX.

Rain Gauge } Diameter of Funnel, 5 inches.
 } Height of top above Ground, 10 inches.
 " " " Sea level, 50 feet.

Month.	Total Depth.	Greatest Fall in 24 Hours.		Number of Days with . or . or more recorded.
		Inches.	Depth.	
January	4.28	.60	13-17	19
February ..	1.70	.35	18	16
March.....	1.33	.38	11	16
April .....	.55	.25	28	7
May	1.80	.47	21	11
June	2.56	1.97	29	8
July.....	.52	.16	13	7
August	1.04	.50	18	7
September	1.51	.78	5	7
October	4.20	.73	30	18
November ..	3.52	.65	9	12
December ..	2.57	.50	26	14
Total	25.58			142

TABLE 1.—Vital Statistics of the Whole District during 1906 and previous Years.
STAINES URBAN DISTRICT.

YEAR.	Population estimated to Middle of each year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.		Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.		Rate.*			
		Under 1 Year of Age.		At all Ages.				Number, 1,000 Births registered.	Rate per 1,000 Births registered.				
		Number.	Rate.*	Number.	Rate.*								
1896	5,270	166	31.5	10	60.2	57	10.81	4	4	10.81			
1897	5,807	177	30.4	19	107.3	64	11.02	4	64	11.02			
1898	5,849	171	29.2	17	99.4	62	10.6	2	62	10.6			
1899	6,000	183	30.5	16	87.4	87	14.5	6	87	14.5			
1900	6,064	154	25.3	23	149.3	90	14.8	13	90	14.8			
1901	6,708	174	25.9	18	103.4	97	14.4	11	97	14.4			
1902	6,792	162	23.8	15	92.5	86	12.6	8	86	12.6			
1903	6,915	194	28	20	103	80	11.5	9	80	11.5			
1904	6,856	142	20.7	21	147.8	69	10	11	69	10			
1905	6,885	157	22.8	13	82.2	73	10.6	4	3	11			
Averages for years 1896-1905.	6,314.6	168	26.8	17.2	103.2	76.5	12	7.2	76.8	12.15			
1906	7,046	171	24.2	25	146	77	10.9	—	3	80			
									11.3				

*Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

Area of District in Acres (exclusive of Area covered by Water)	1905	Number of inhabited houses (at Census of 1901)	..	..	1366
Total population at all ages (at Census of 1901)	6,708	Average number of persons per house	..	..	4.89
Other Institutions, the deaths in which have been distributed among the several localities in the District—St. Thomas Hospital, Wandsworth Asylum.					

TABLE III.—Cases of Infectious Disease notified during the Year 1906.
STAINES URBAN DISTRICT.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.			
	AT ALL AGES.	Under 1.	1 to 5.	5 to 15.
Small-pox			
Cholera			
Diphtheria	6	1	5
Membranous croup			
Erysipelas	2		
Scarlet fever	3	1	2
Typhus fever			
Enteric fever			
Relapsing fever			
Continued fever			
Puerperal fever			
Plague			
 Totals	 11	 2	 7	 2

Isolation Hospital.—None at present.

TABLE IV.—Causes of, and Ages at Death during 1906.
STAINES URBAN DISTRICT.

CAUSES OF DEATH.	DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.						
	1.	2.	3.	4.	5.	6.	7.
	ALL AGES.	Under 1 year.	1 & under 5.	5 & under 15.	15 & under 25.	25 & under 65.	65 & upwards.
Small-pox ..							
Measles ..							
Scarlet fever ..							
Whooping cough ..							
Diphtheria and mem- braneous croup ..	2			2			
Croup ..							
Fever—							
Typhus							
Enteric							
Other continued ..							
Epidemic influenza ..							
Cholera							
Plague							
Diarrhoea	10	6	4				
Enteritis							
Puerperal fever							
Erysipelas							
Other septic diseases ..	1	1					
Phthisis, (Pulmonary Tuberculosis) ..	3			1		2	
Other Tubercular diseases	6	2	1	2		1	
Cancer, malignant disease	4					3	1
Bronchitis	6						6
Pneumonia	3	1				1	1
Pleurisy							
Other diseases of Respiratory organs ..							
Alcoholism ..						2	
Cirrhosis of liver ..	2						
Venereal diseases ..							
Premature birth ..	3	3					
Diseases & accidents of parturition ..	1					1	
Heart diseases	6				1	2	3
Accidents	4					3	1
Suicides							
All other causes ..	29	12	0	0	1	7	9
All causes	80	25	5	5	2	22	21

TABLE V.—Infantile Mortality during the Year 1906.

Deaths from stated Causes in Weeks and Months under One Year of Age.

STAINES URBAN DISTRICT.

CAUSE OF DEATH.	Under 1 Week.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	8-9 Months.	10-11 Months.	11-12 Months.	Total Deaths under 1 Year.
ALL CAUSES														
Diarrhoeal Diseases—														
Diarrhoea, all forms														
Wasting Diseases—														
Premature Birth	3													
Congenital Defects		1	1											
Atrophy, Debility, Marasmus														
Tuberculous Diseases—														
Tuberculous Meningitis														
Tuberculous Peritonitis														
Tabes														
Mesenterica														
Meningitis (not Tuberculous)														
Pneumonia														
Other Causes	1	1	2											
Totals	3	2	4	9	2	2	1	2	1	2	3	2	1	25

Population (estimated to middle of 1906), 7046.

Births in the Year: Legitimate 166; Illegitimate 5.

Deaths in the year of Legitimate Infants, 24; Illegitimate Infants, 1.

Deaths from all Causes at all Ages. 80.

FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES, AND
HOMEWORK.

1.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories (including Factory Laundries)	12		
Workshops (including Workshop Laundries)	6	2	None.
Workplaces (Other than Outworkers' premises included in Part 3 of this Report).	6	4	
Total	24	6	

2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Acts:—</i>				
Want of Cleanliness ..				
" Ventilation ..				
Overcrowding				
Want of drainage of floors				
Other nuisances				
Insufficient sanitary accommodation				
<i>Offences under the Factory and Workshops Acts:—</i>				
Breach of special sanitary requirements for Bakeries (ss. 97 to 100).	3	3		
Other offences (excluding offences relating to outwork which are included in Part 3 of this Report).	1	2	1	
Total	4	6	2	

3.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.	Number.
Important classes of Workshops, such as Workshop Bakehouses, may be enumerated here.	
Factories	25
Workshops	47
Domestic Workshops	19
Bakehouses	12
Total number of Workshops on Register.	103

4.—OTHER MATTERS.

Class.	Number.
<i>Matters notified to H.M. Inspector of Factories :—</i>	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)	None.
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5)	2 carried out.
Other	None.
Underground Bakehouses (s. 101) :—	None.
Certificates granted during the year	None.
In use at the end of the year	None.

STAINES URBAN DISTRICT.

Sanitary Work, 1906.

FORM I.

INSPECTIONS—

Number of Premises Inspected on Complaint	...	47
Number of Premises Inspected in connection with Infectious Diseases.	...	6
Houses Inspected from house to house	...	35
Total number of Inspections and Re-inspections made	...	289

NOTICES—

Cautionary Notices given	...	...	...	40
Statutory Orders Issued	...	...	..	88

DWELLING HOUSES—

Houses, Premises, etc., Cleansed, Repaired, etc.	...	3
Demolished	...	2

COMMON LODGING HOUSES—

Number Registered under Bye-Laws	...	...	1
Number of Contraventions...	...	...	2

MOVEABLE DWELLINGS, CARAVANS, TENTS, &c.—

Number observed during the Year	91
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WORKSHOPS AND WORKPLACES—

Number in District	87
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FORM II.

LAUNDRIES—

Number in District	5
Contraventions of Factory Acts	1

BAKEHOUSES—

Number in District	...	...	...	...	12
Contraventions of Factory Acts	4

SLAUGHTER-HOUSES—

Number on Register	3
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COW-SHEDS—

Number on Register	13
Contraventions of Regulations	4

DAIRIES AND MILKSHOPS—

Number on Register	15
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OFFENSIVE TRADES—

Number of Premises in District	1
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WATER SUPPLY AND WATER SERVICE—

Wells, new sunk	8
Percentage of Houses supplied from Public Water Service	96
Cisterns, new, provided	...	...	...	...	...	6
Percentage of Houses supplied on Constant system						90

FORM III.

DRAINAGE AND SEWERAGE—

Water Closets, new constructed	...	...	...	11
Number of Water Closets substituted for Dry Receptacles	...	...	...	4
Water Closets repaired, supplied with water or otherwise improved	...	...	...	18
Percentage of Houses provided with Water Closets				85
Drains examined, tested, exposed, &c.			...	2
,, unstopped, repaired, trapped, &c.			...	30
Soil Pipes and Drains ventilated	...	...	...	1
Drains reconstructed	...	...	...	2
Percentage of Houses draining into the Sewers				95

DISINFECTION—

Rooms Disinfected	...	...	...	...	6
Rooms stripped and cleansed	...	...	...	...	6

DUST—

New Bins provided	...	...	...	...	30
Periodical frequency of Dust removal	...				Weekly
Number of complaints of non-removal received					2

SUNDY NUISANCES ABATED—

Overcrowding	...	...	..	...	...	2
Smoke	...	...	...	...	...	1
Accumalations of Refuse	...	...	...	...	...	3
Foul Pigs and other Animals	...	...	...	...	...	2

Sanitary Inspector :

E. J. BARRETT, Mem. R. San. Inst., also Surveyor
with two Assistants acting in general capacities.

